

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005467.D
 Acq On : 10 May 2021 14:20
 Operator : CG/JU
 Sample : M2305-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P-1

Quant Time: May 10 15:02:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 12:37:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

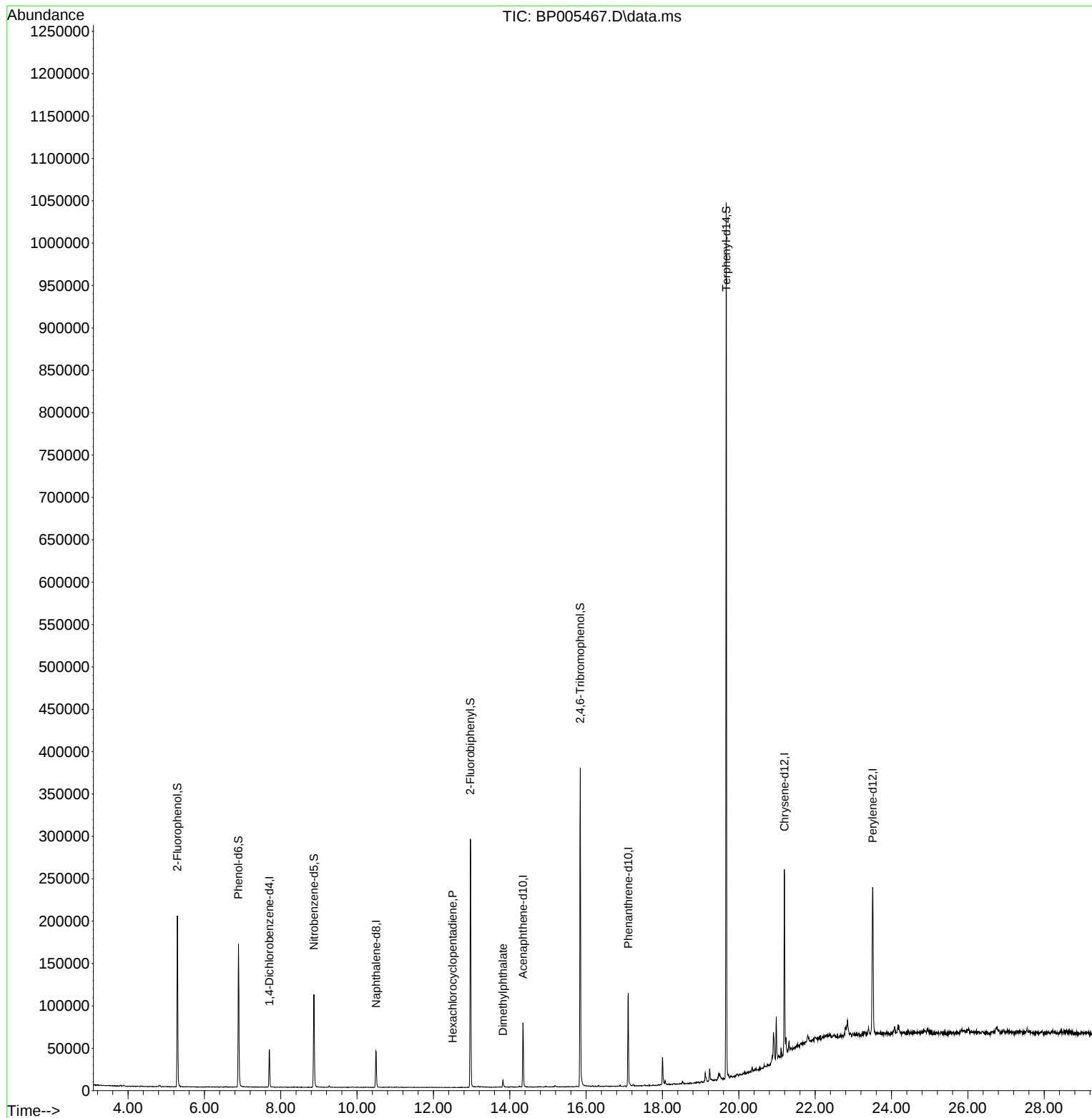
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	9521	20.00	ng	0.00
21) Naphthalene-d8	10.499	136	25822	20.00	ng	# 0.00
39) Acenaphthene-d10	14.346	164	23195	20.00	ng	-0.01
64) Phenanthrene-d10	17.104	188	60495	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	104918	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	138447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	58582	118.08	ng	0.00
7) Phenol-d6	6.893	99	62577	101.15	ng	0.00
23) Nitrobenzene-d5	8.869	82	54424	82.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.845	330	74932	113.84	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	125154	60.87	ng	-0.01
79) Terphenyl-d14	19.669	244	428089	69.29	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.199	88	49	Below Cal	#	61
9) Benzaldehyde	6.858	77	30	Below Cal	#	38
41) Hexachlorocyclopentadiene	12.504	237	11	7.89	ng	74
50) Dimethylphthalate	13.822	163	4994	2.49	ng	# 92

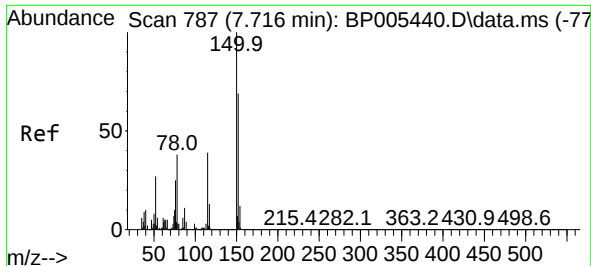
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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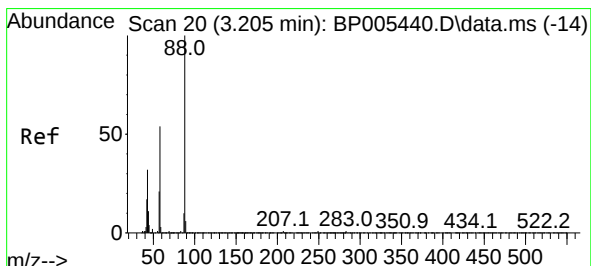
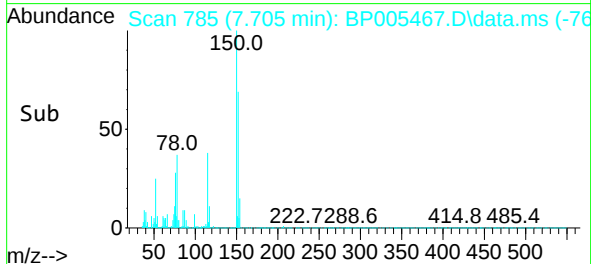
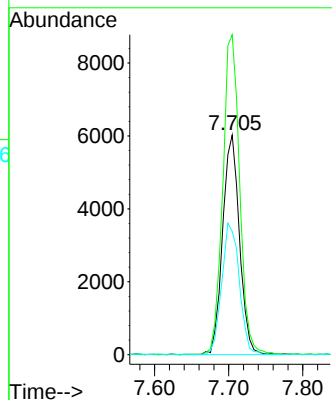
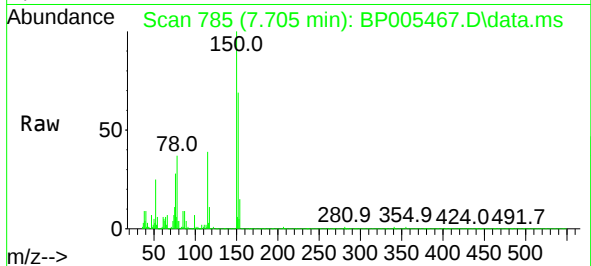




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

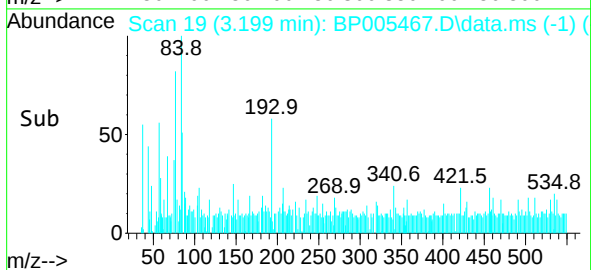
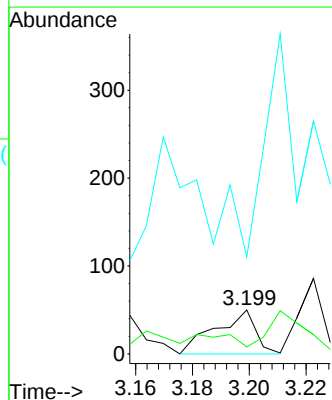
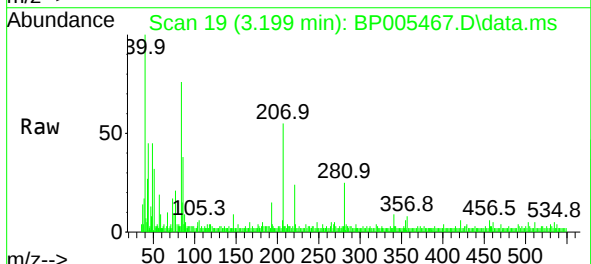
Instrument :
BNA_P
ClientSampleId :
P-1

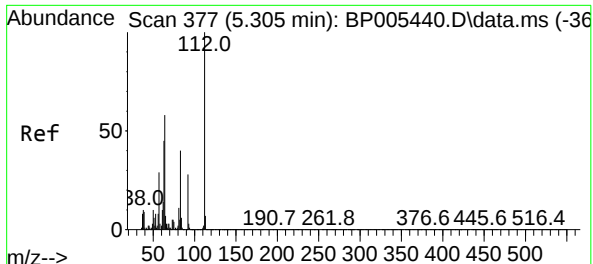
Tgt Ion:152 Resp: 9521
Ion Ratio Lower Upper
152 100
150 145.7 119.8 179.8
115 56.1 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.199 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
58 28.6 42.5 63.7#
43 0.0 19.8 29.8#

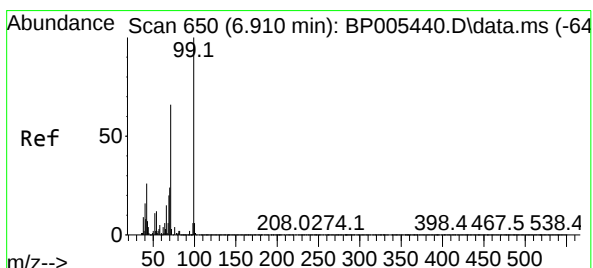
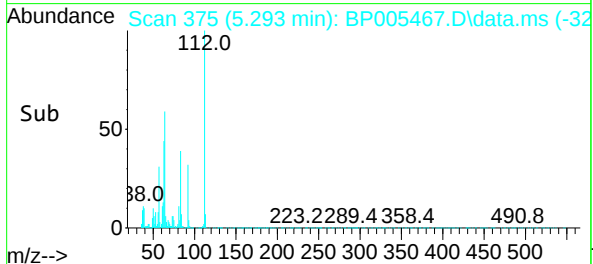
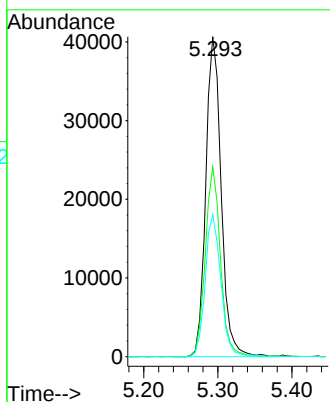
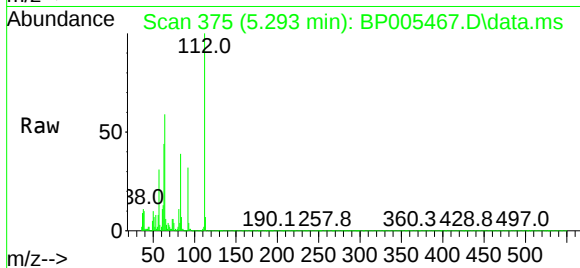




#5
2-Fluorophenol
Concen: 118.08 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

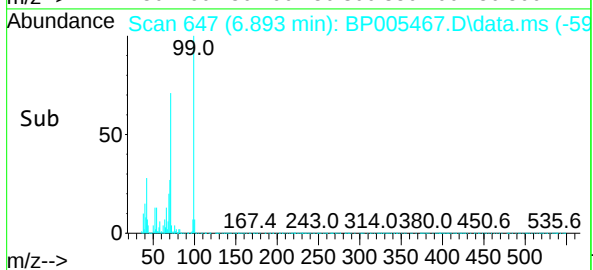
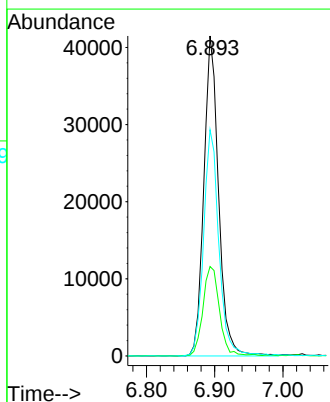
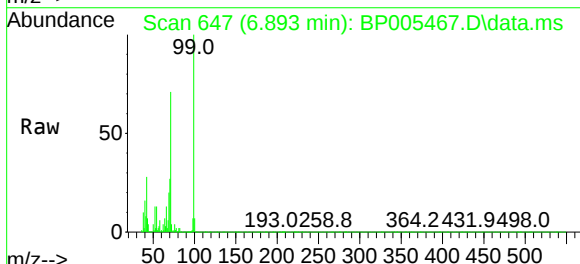
Instrument :
BNA_P
ClientSampleId :
P-1

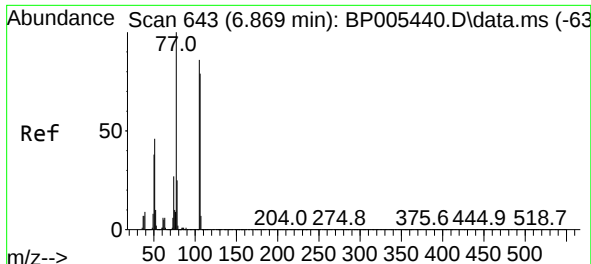
Tgt Ion:112 Resp: 58582
Ion Ratio Lower Upper
112 100
64 59.3 33.6 50.4#
63 44.5 18.6 27.8#



#7
Phenol-d6
Concen: 101.15 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

Tgt Ion: 99 Resp: 62577
Ion Ratio Lower Upper
99 100
42 27.9 12.9 19.3#
71 70.7 26.7 40.1#

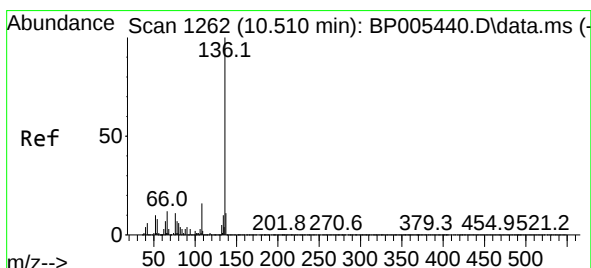
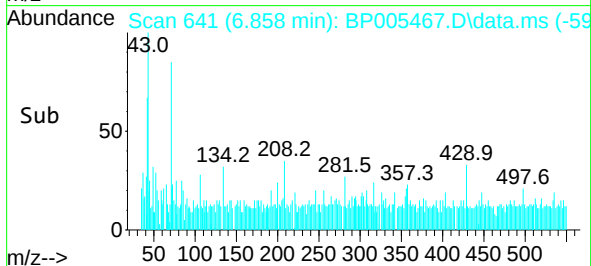
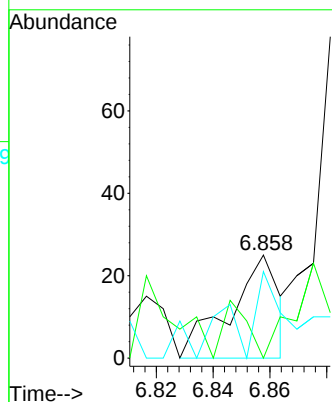
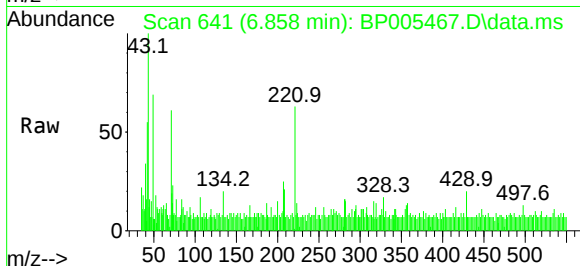




#9
Benzaldehyde
Concen: Below Cal
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

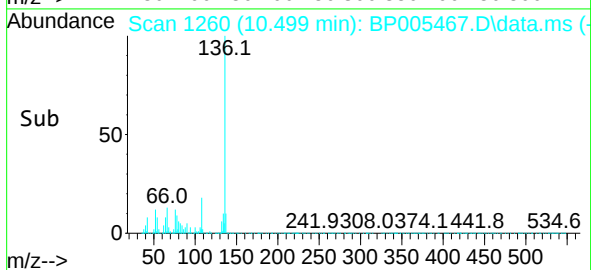
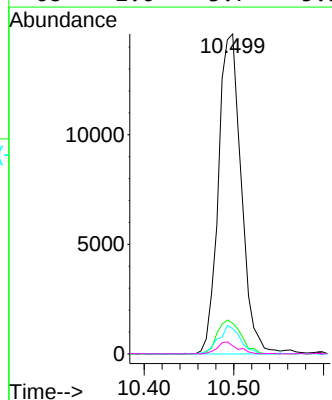
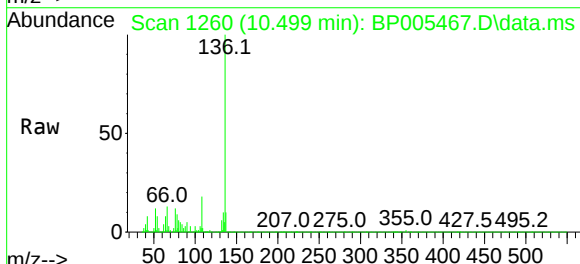
Instrument :
BNA_P
ClientSampled :
P-1

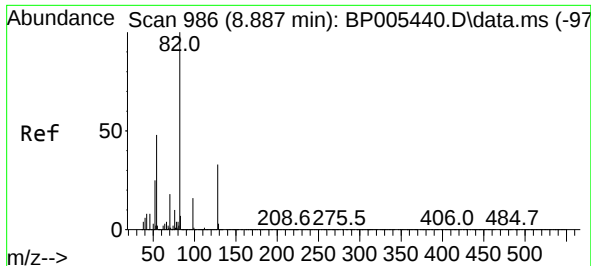
Tgt Ion: 77 Resp: 30
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 84.0 79.9 119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

Tgt Ion:136 Resp: 25822
Ion Ratio Lower Upper
136 100
137 9.6 8.9 13.3
54 7.9 5.0 7.4#
68 2.6 3.7 5.5#

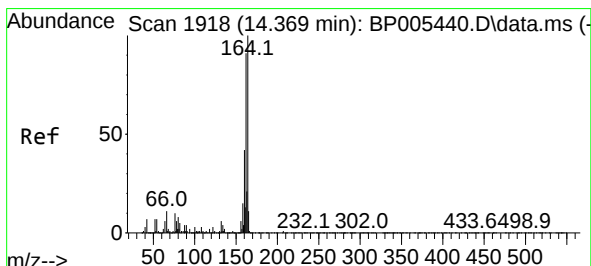
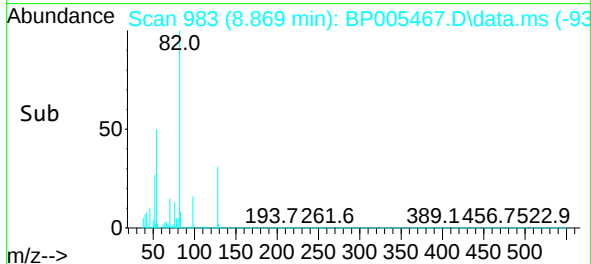
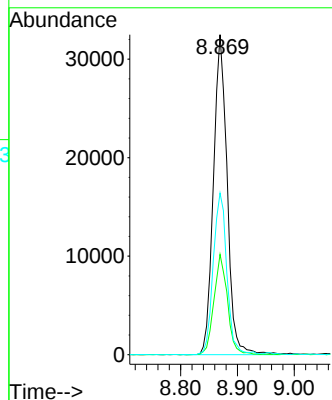
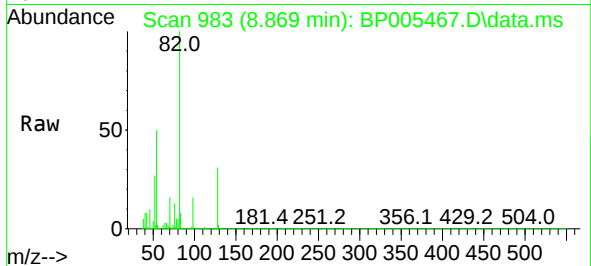




#23
Nitrobenzene-d5
Concen: 82.96 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

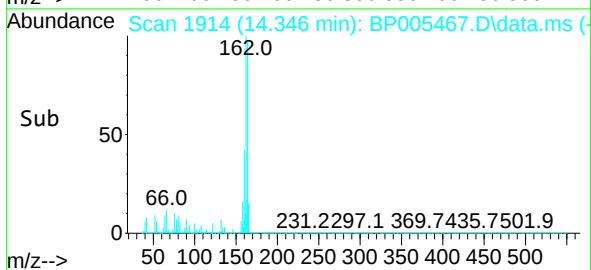
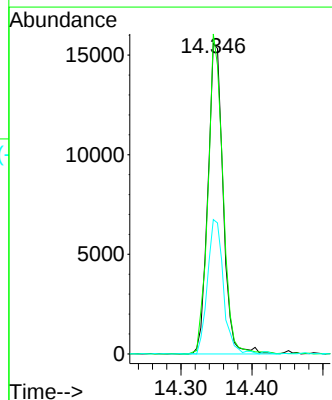
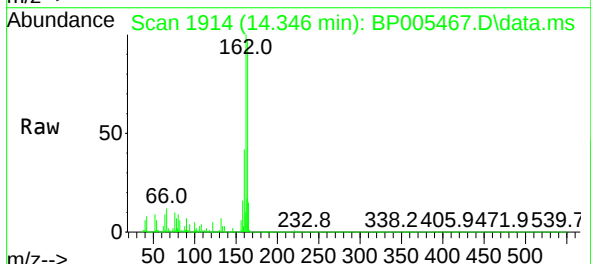
Instrument :
BNA_P
ClientSampleId :
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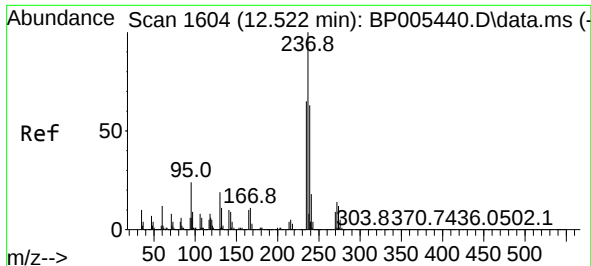
Tgt Ion: 82 Resp: 54424
Ion Ratio Lower Upper
82 100
128 31.4 30.5 45.7
54 50.5 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

Tgt Ion: 164 Resp: 23195
Ion Ratio Lower Upper
164 100
162 102.9 73.5 110.3
160 43.2 40.6 61.0

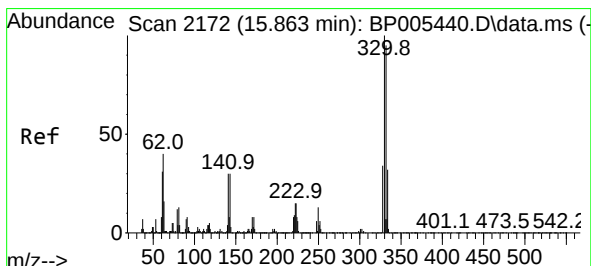
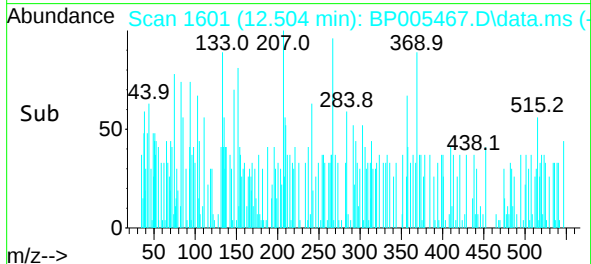
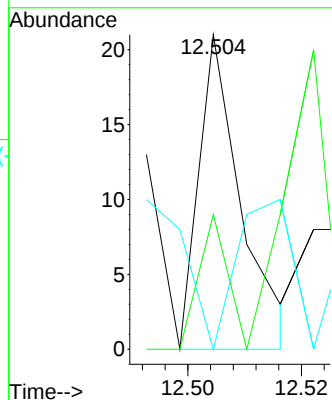
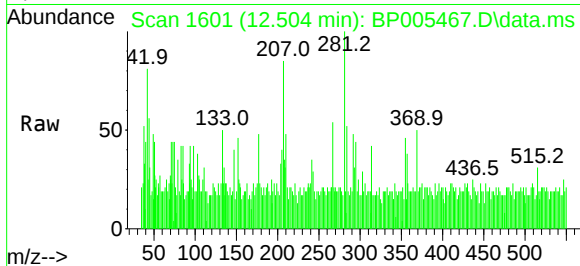




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

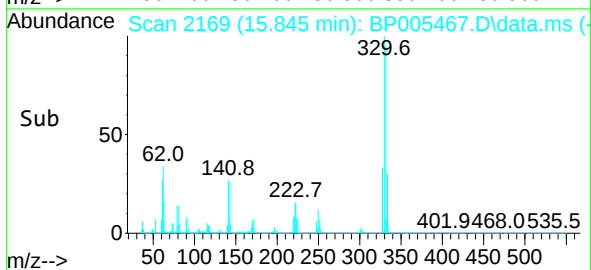
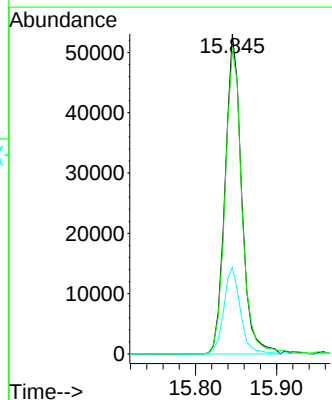
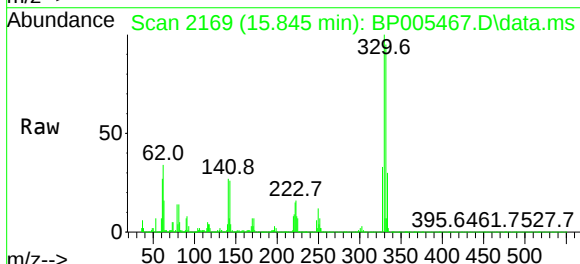
Instrument :
BNA_P
ClientSampled :
P-1

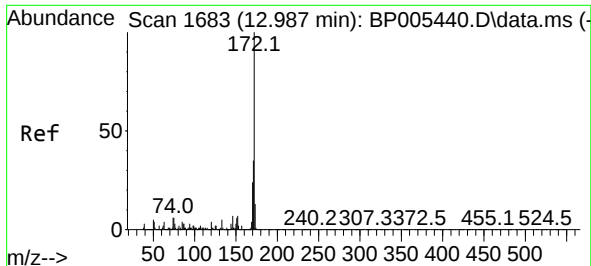
Tgt Ion:	237	Resp:	11
Ion	Ratio	Lower	Upper
237	100		
235	42.9	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 113.84 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

Tgt Ion:	330	Resp:	74932
Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.3	114.5
141	27.2	22.8	34.2

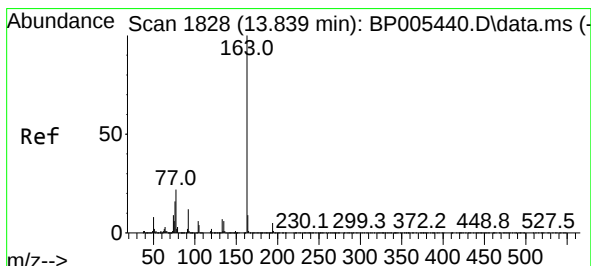
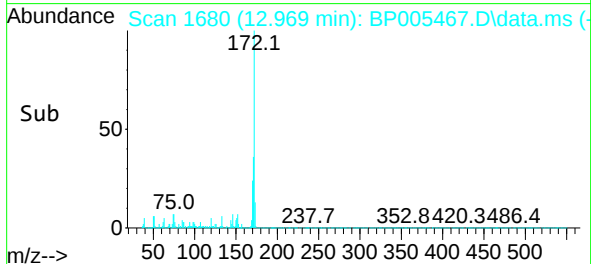
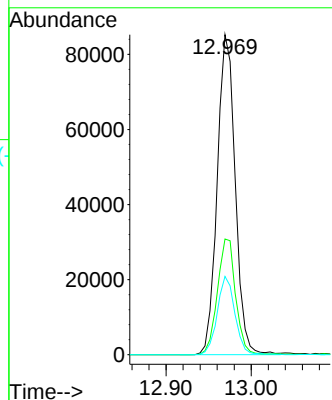
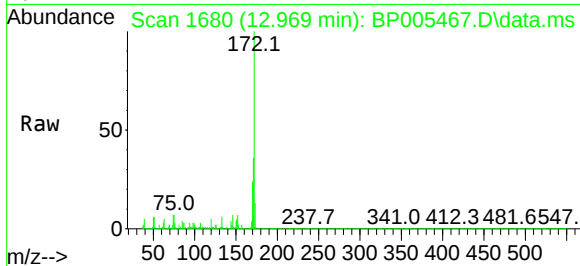




#45
2-Fluorobiphenyl
Concen: 60.87 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

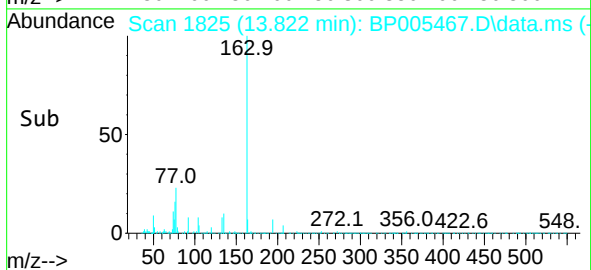
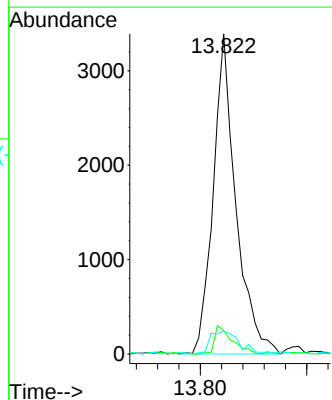
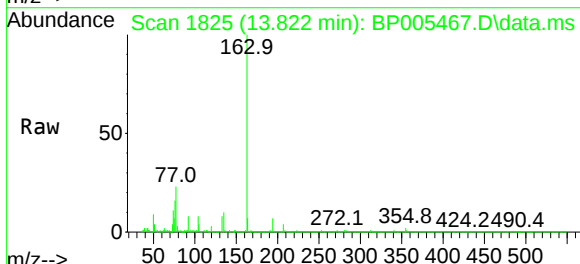
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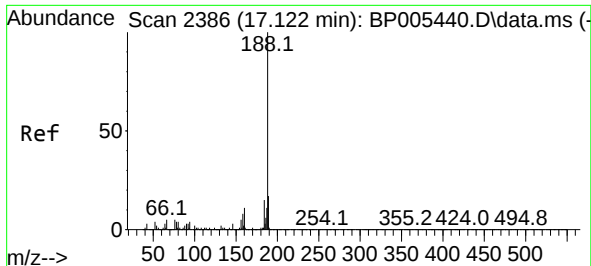
Tgt Ion:172	Resp:	125154
Ion Ratio	Lower	Upper
172	100	
171	36.2	28.1 42.1
170	24.4	19.6 29.4



#50
Dimethylphthalate
Concen: 2.49 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

Tgt Ion:163	Resp:	4994
Ion Ratio	Lower	Upper
163	100	
194	7.3	3.9 5.9#
164	7.2	8.1 12.1#

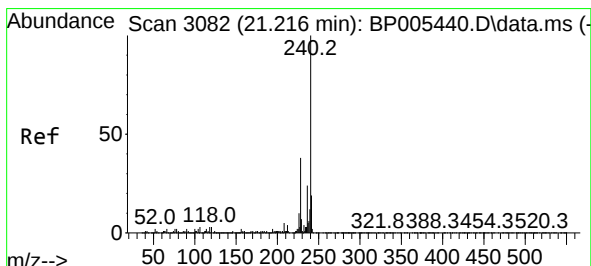
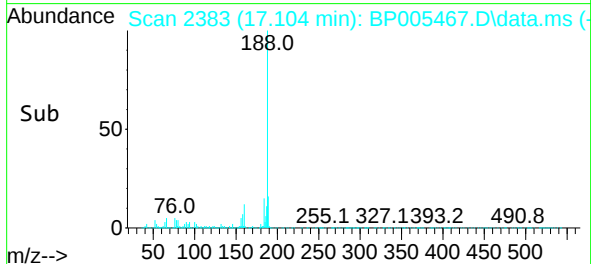
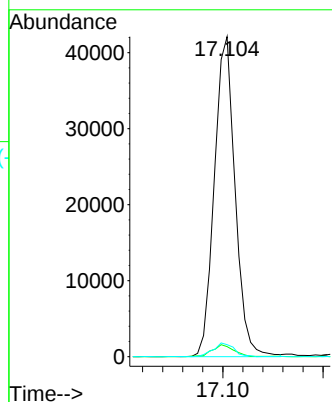
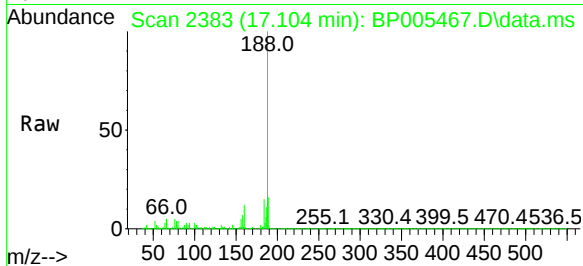




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

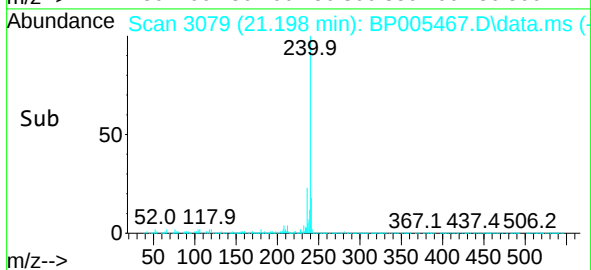
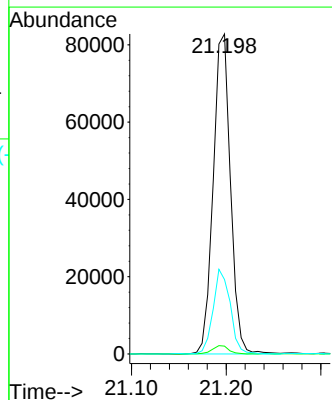
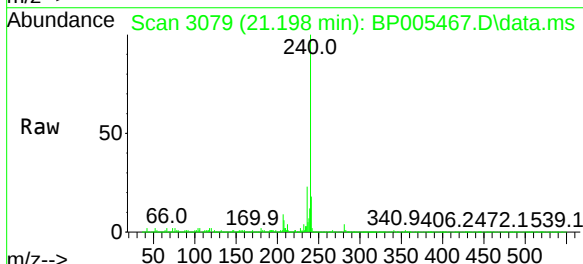
Instrument :
BNA_P
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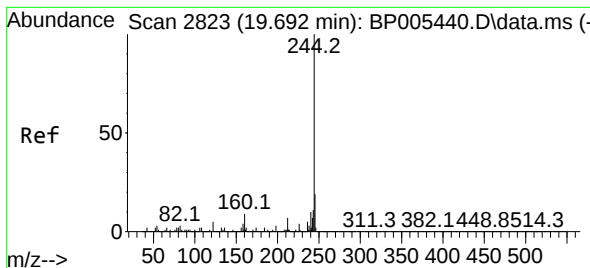
Tgt Ion:188 Resp: 60495
Ion Ratio Lower Upper
188 100
94 3.2 5.0 7.6#
80 4.0 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005467.D
Acq: 10 May 2021 14:20

Tgt Ion:240 Resp: 104918
Ion Ratio Lower Upper
240 100
120 2.4 4.2 6.2#
236 23.2 20.2 30.2





#79

Terphenyl-d14

Concen: 69.29 ng

RT: 19.669 min Scan# 2819

Delta R.T. -0.012 min

Lab File: BP005467.D

Acq: 10 May 2021 14:20

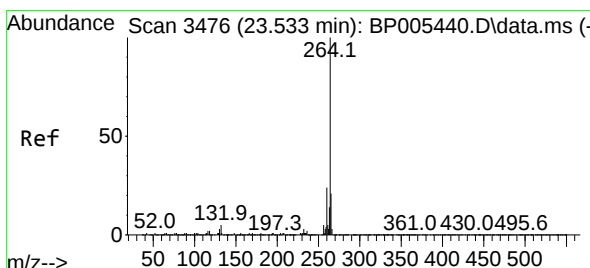
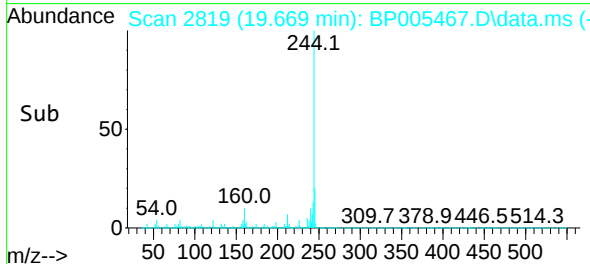
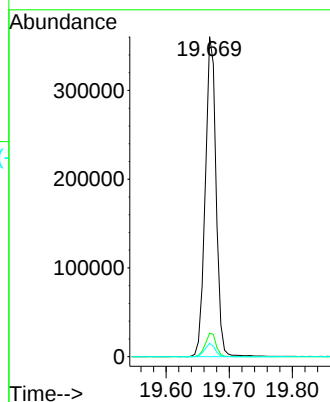
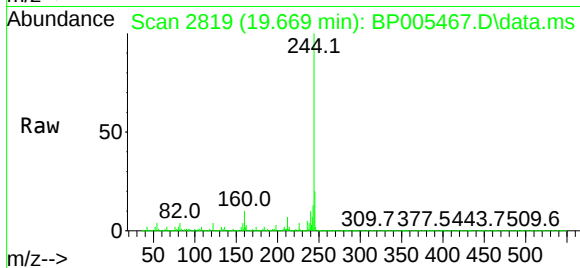
Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:244	Resp:	428089
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.8 8.6
122	4.2	5.2 7.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.504 min Scan# 3471

Delta R.T. -0.018 min

Lab File: BP005467.D

Acq: 10 May 2021 14:20

Tgt Ion:264	Resp:	138447
Ion Ratio	Lower	Upper
264	100	
260	25.0	20.6 30.8
265	21.9	19.0 28.6

